

#19/Amat D  
4.30.02  
C. Wills  
PATENT  
740819-261

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Masaaki NISHIJIMA

Serial No. 09/351,160

Filed: July 12, 1999

For: SEMICONDUCTOR DEVICE

) Group Art Unit: 2811

) Examiner: D. Owens

) CERTIFICATE OF MAILING

) I hereby certify that this correspondence is being  
) deposited with the United States Postal Service with  
) sufficient postage as First Class Mail in an envelope  
) addressed to: Assistant Commissioner for Patents,  
) Washington, D.C. 20231, on April 8, 2002

) Gwyn J. Cantrell  
) Gwyn J. Cantrell

AMENDMENT

Honorable Commissioner of Patents  
Washington, D.C. 20231

**BEST AVAILABLE COPY**

Dear Sir:

In response to the Examiner's non-final Office Action mailed December 11, 2001, the period for responding having been extended one (1) month, please consider the following amendments and remarks in connection with the above-identified application.

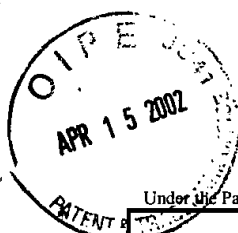
RECEIVED  
APR 19 2002  
TECHNOLOGY CENTER 2000

IN THE CLAIMS:

Please amend claim 34 as follows. Claim 34 is presented below in its amended form. The amendments to the above-noted claim is outlined in an Attachment to the Amendment using the conventional indication method of bracketing and underlining.

*DI (Amended)* 34. (Twice Amended) A semiconductor device, comprising:  
a conductor layer formed on a semiconductor substrate;  
a dielectric film formed on the conductor layer; and  
a conductor line formed on the dielectric film, wherein  
the conductor layer is not formed in a region directly below the conductor line but in both  
sides of the region thereof, and  
the dielectric film comprises two dielectric layers with mutually different dielectric  
constants.

2811\$



Please type a plus sign (+) inside this box → [+]

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

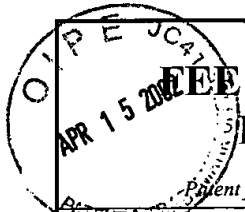
<b>TRANSMITTAL</b> <b>BEST AVAILABLE FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/351,160
	Filing Date	July 12, 1999
	First Named Inventor	Masaaki NISHIJIMA
	Group Art Unit	2811
	Examiner Name	D. Owens
Total Number of Pages in This Submission		Attorney Docket Number 740819-261

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Other <div style="text-align: center;"> <b>RECEIVED</b>  <b>APR 19 2002</b>  <b>TECHNOLOGY CENTER 2800</b> </div>
Remarks	<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 19-2380 for the above identified docket number.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	<u>Eric J. Robinson, Reg. No. 38,285</u> Nixon Peabody LLP 8180 Greensboro Drive Suite 800 McLean, VA 22102
Signature	
Date	4-8-02

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <span style="border: 1px solid black; padding: 2px;">04/08/02</span>		
Type or printed name	Gwyn J. Cantrell	
Signature		Date April 8, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



# **FEE TRANSMITTAL FOR FY 2002**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$ 110.00)

## *Complete if Known*

Application Number 09/351,160  
Filing Date July 12, 1999  
First Named Inventor Masaaki NISHIJIMA  
Examiner Name D. Owens  
Group Art Unit 2811  
Attorney Docket No. 740819-261

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-2380

Deposit Account Name Nixon Peabody LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

**SUBTOTAL (1)** (\$ 0.00)

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
14	-30** = 0	X 18 = 0	
Independent Claims	6	-6** = 0	X 84 = 0
Multiple Dependent		280 = 0	

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$ 0.00)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English transaction	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	110.00
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.29(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** (\$ 110.00)

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on

*Gwyn J. Cantrell*  
Gwyn J. Cantrell

## SUBMITTED BY

Name (Print/Type) Eric J. Robinson

Signature

Registration No. (Attorney/Agent) 38,285

## Complete (if applicable)

Telephone 703-790-9110

Date 4-8-02